FIG. 1

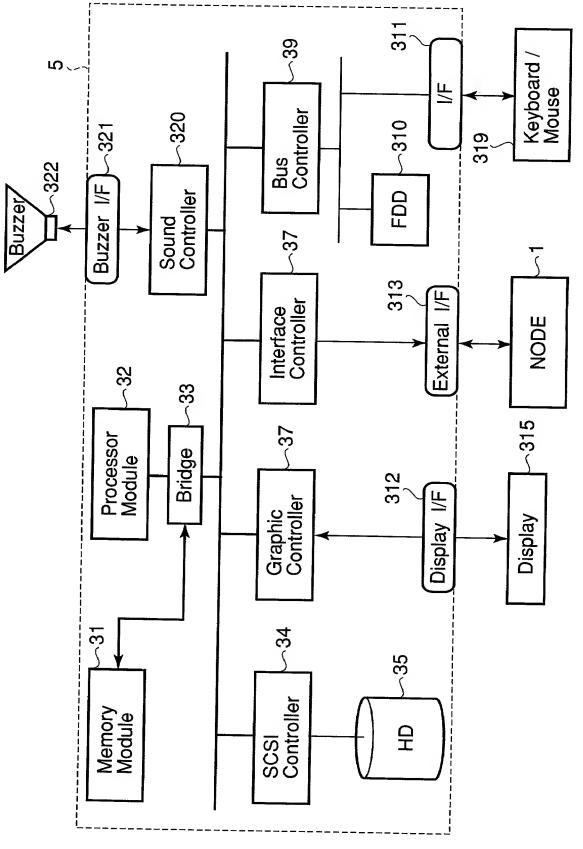
5
Buzzer
322
Buzzer I/F
321
Sound Controller
320
Bus Controller
39
311
I/F
Keyboard / Mouse
319
FDD
310
Interface Controller
37
313
External I/F
NODE
1
Processor Module
32
Bridge
33
Graphic Controller
37
312
Display I/F
Display
315
Memory Module
31
SCSI Controller
34
HD
35

FIG. 2

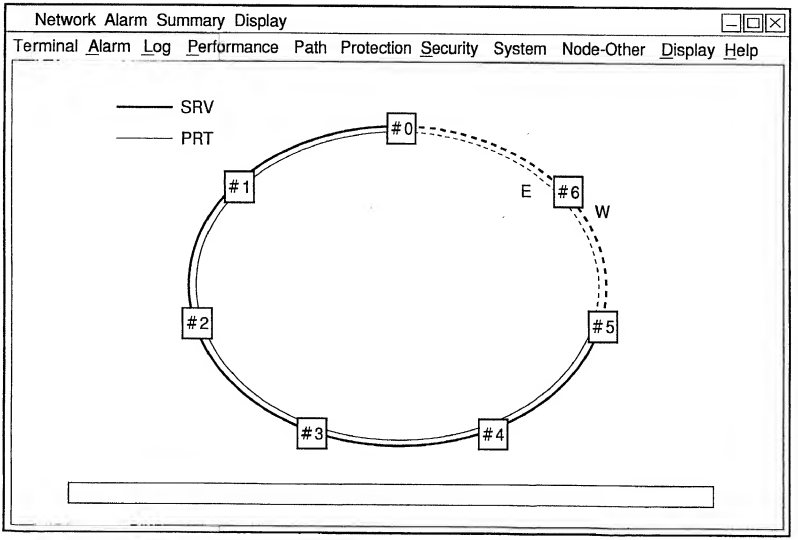

FIG.3

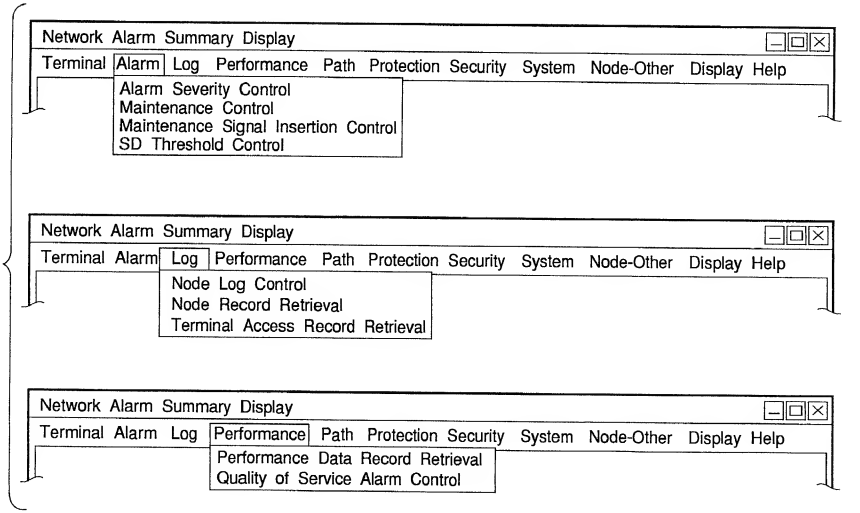

FIG. 4

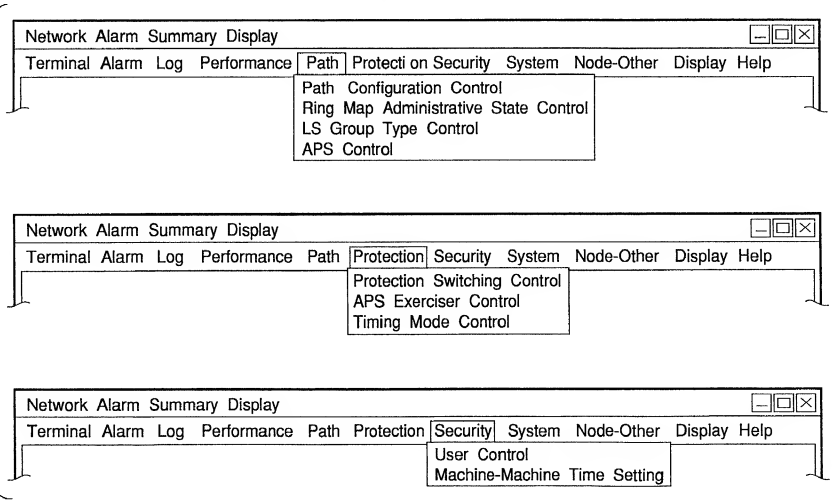

FIG. 5

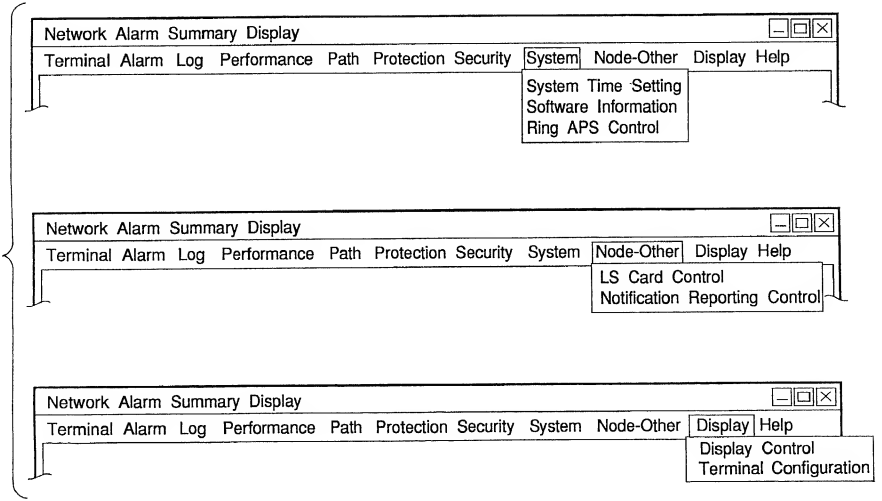

FIG. 6

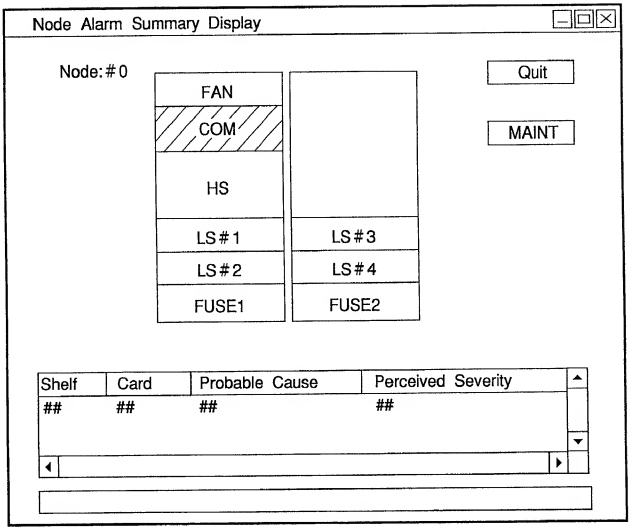

FIG. 7

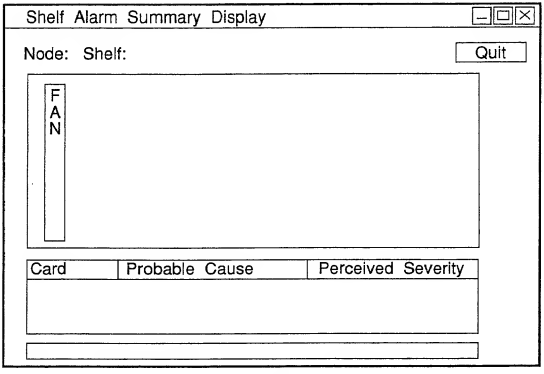
Shelf Alarm Summary Display
Node: Shelf:
Quit
FAN
Card
Probable Cause
Perceived Severity

FIG. 8

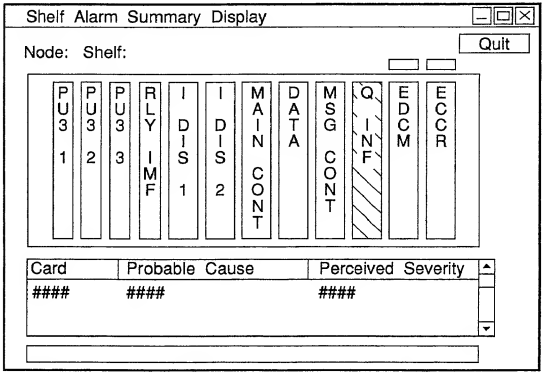
Shelf Alarm Summary Display
Node: Shelf:
Quit
PU31
PU32
PU33
RLY IMF
I DIS 1
I DIS 2
MAIN CONT
DATA
MSG CONT
Q INF
EDCM
ECCR
Card
Probable Cause
Perceived Severity
####
####
####

FIG. 9

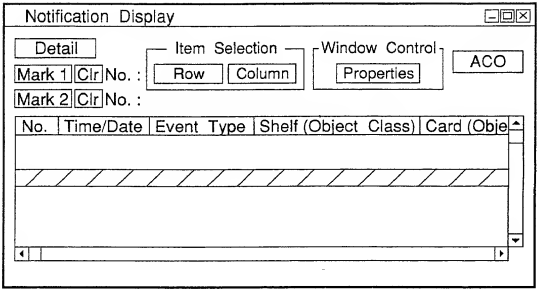
Notification Display
Detail
Item Selection
Window Control
Mark 1 Clr No. :
Row
Column
Properties
ACO
Mark 2 Clr No. :
No.
Time/Date
Event Type
Shelf (Object Class)
Card (Obje

FIG. 10

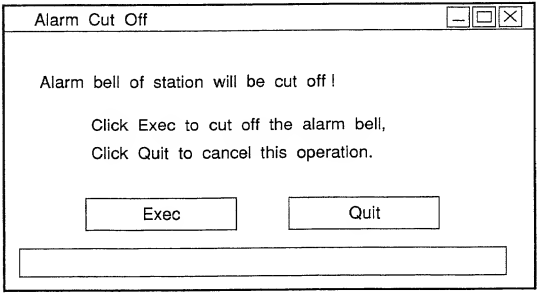
Alarm Cut Off
Alarm bell of station will be cut off !
Click Exec to cut off the alarm bell,
Click Quit to cancel this operation.
Exec
Quit

FIG. 11

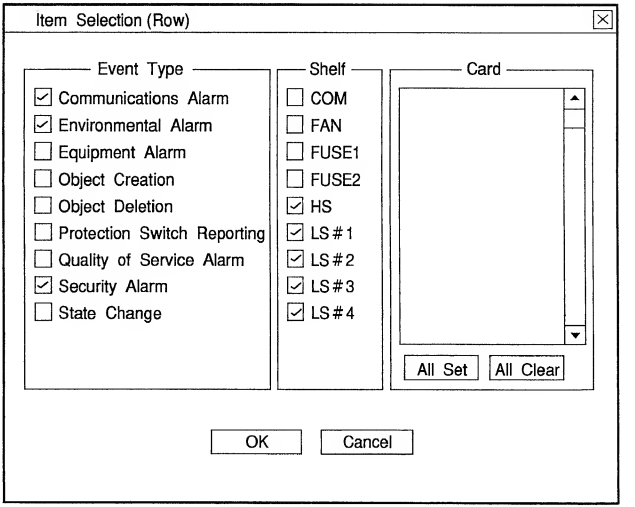

FIG. 12

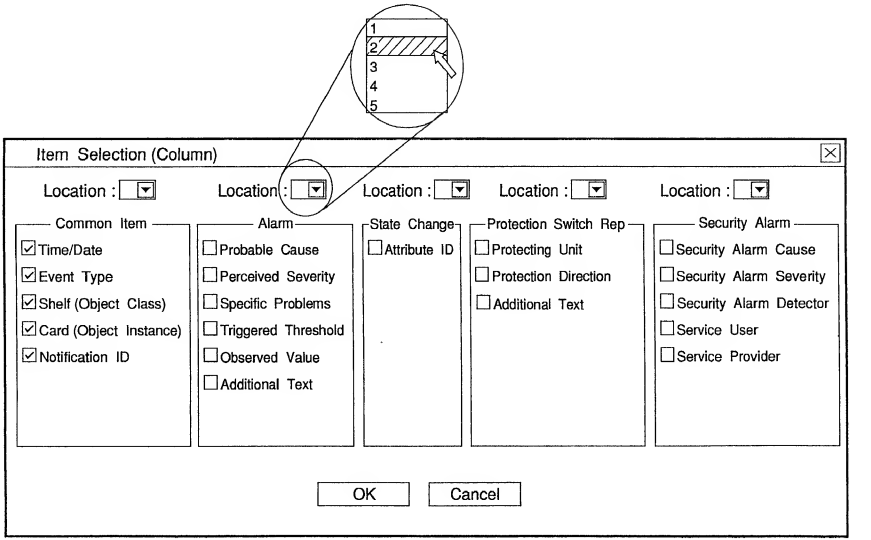

FIG. 13

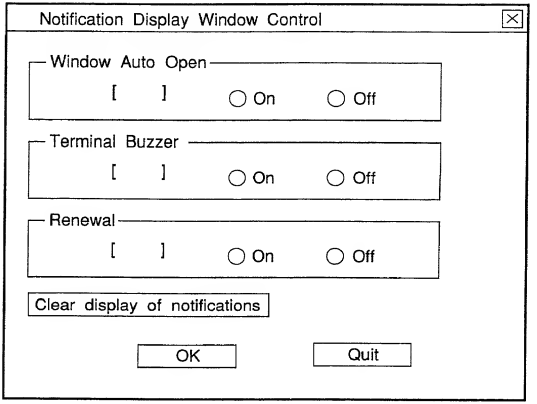
Notification Display Window Control
Window Auto Open
[ ]
On
Off
Terminal Buzzer
[ ]
On
Off
Renewal
[ ]
On
Off
Clear display of notifications
OK
Quit

FIG. 14

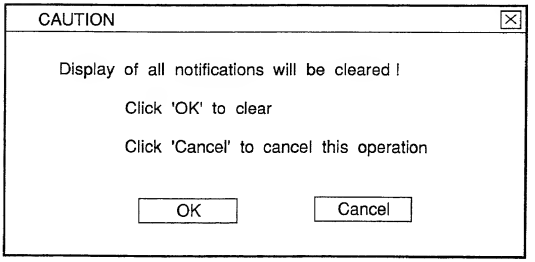
CAUTION
Display of all notifications will be cleared !
Click 'OK' to clear
Click 'Cancel' to cancel this operation
OK
Cancel

FIG. 15

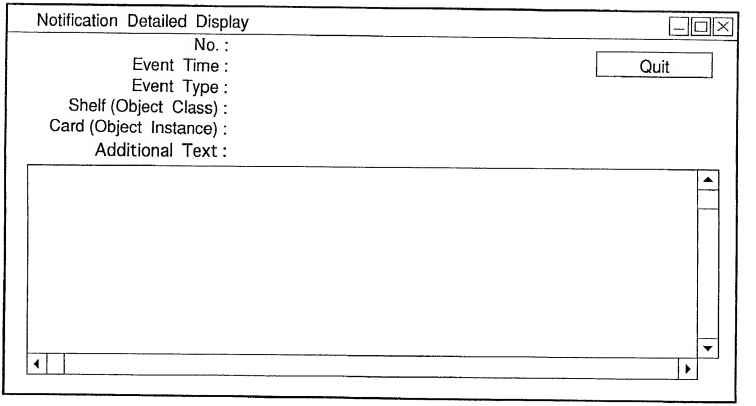

FIG. 16

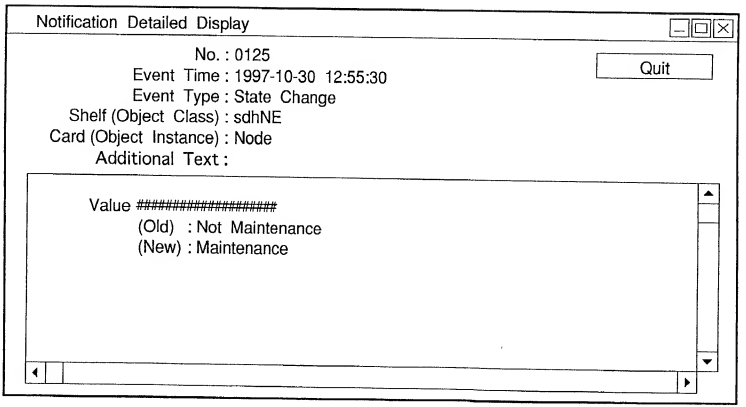

FIG. 17

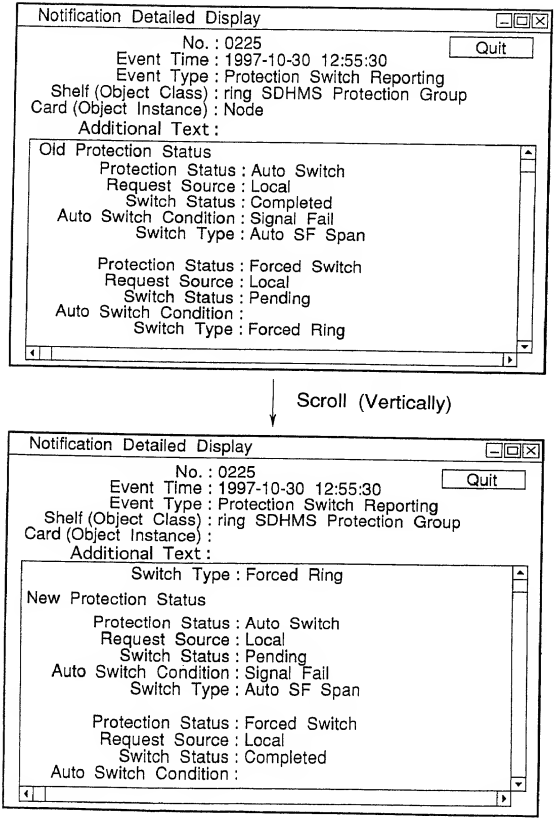

FIG. 18

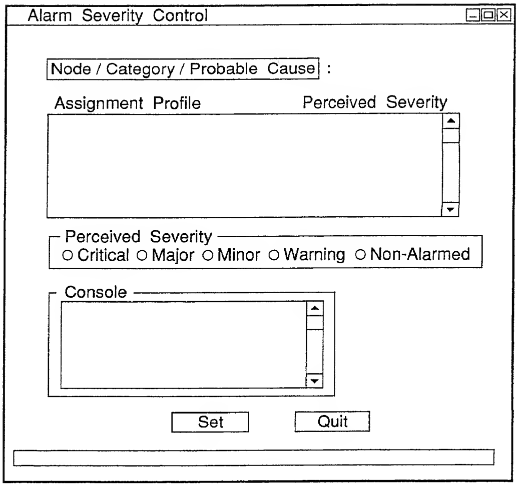
Alarm Severity Control
Node / Category / Probable Cause :
Assignment Profile
Perceived Severity
Perceived Severity
Critical
Major
Minor
Warning
Non-Alarmed
Console
Set
Quit

FIG. 19

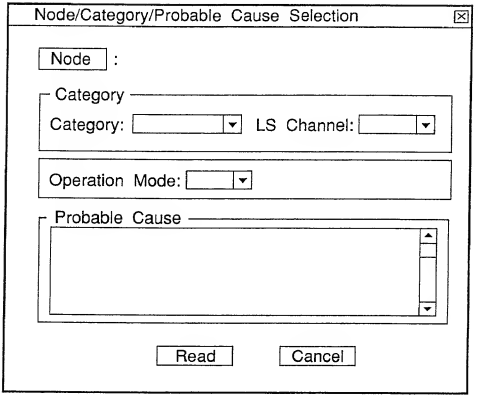
Node/Category/Probable Cause Selection
Node :
Category
Category:
LS Channel:
Operation Mode:
Probable Cause
Read
Cancel

FIG. 20

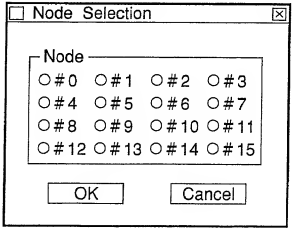
Node Selection
Node
○#0 ○#1 ○#2 ○#3
○#4 ○#5 ○#6 ○#7
○#8 ○#9 ○#10 ○#11
○#12 ○#13 ○#14 ○#15
OK
Cancel

FIG. 21

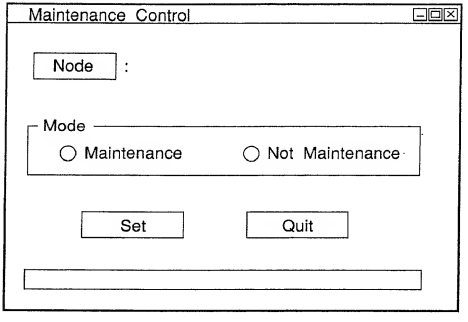
Maintenance Control
Node
:
Mode
Maintenance
Not Maintenance
Set
Quit

FIG. 22

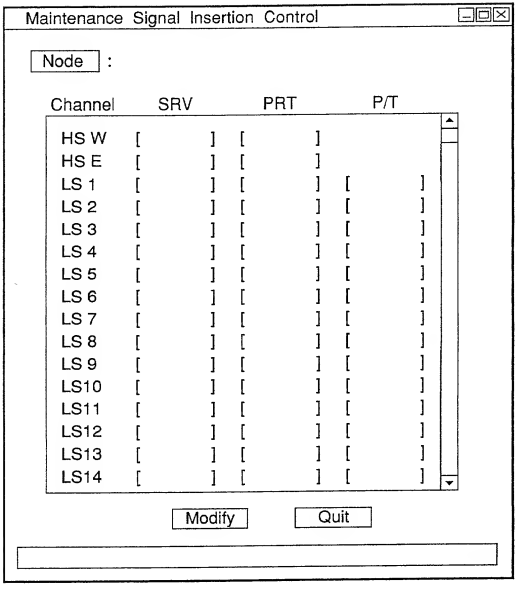

FIG. 23

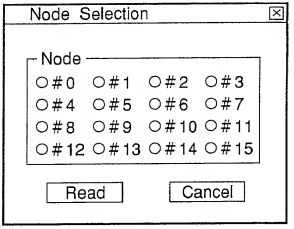
Node Selection
Node
○#0 ○#1 ○#2 ○#3
○#4 ○#5 ○#6 ○#7
○#8 ○#9 ○#10 ○#11
○#12 ○#13 ○#14 ○#15
Read
Cancel

FIG. 24

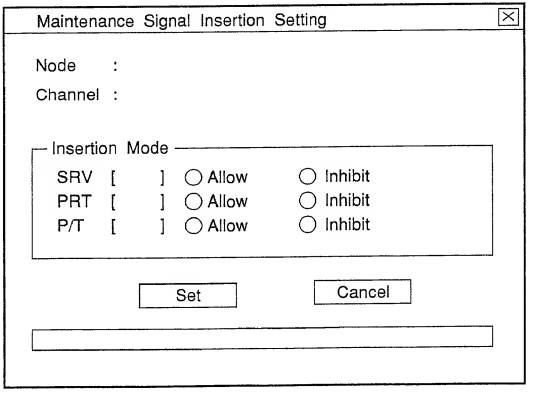
Maintenance Signal Insertion Setting
Node :
Channel :
Insertion Mode
SRV [ ] ○ Allow ○ Inhibit
PRT [ ] ○ Allow ○ Inhibit
P/T [ ] ○ Allow ○ Inhibit
Set
Cancel

FIG. 25

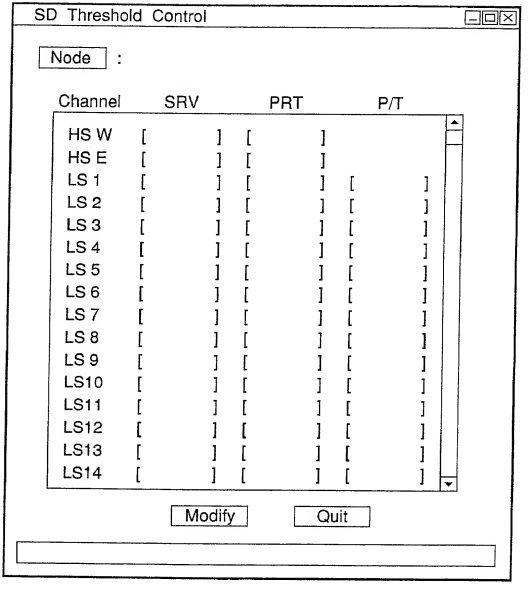
SD Threshold Control
Node :
Channel
SRV
PRT
P/T
HS W
HS E
LS 1
LS 2
LS 3
LS 4
LS 5
LS 6
LS 7
LS 8
LS 9
LS10
LS11
LS12
LS13
LS14
Modify
Quit

FIG. 26

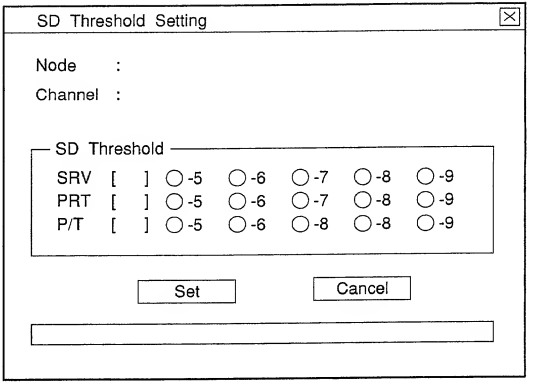
SD Threshold Setting
Node :
Channel :
SD Threshold
SRV [ ] -5 -6 -7 -8 -9
PRT [ ] -5 -6 -7 -8 -9
P/T [ ] -5 -6 -8 -8 -9
Set
Cancel

FIG. 27

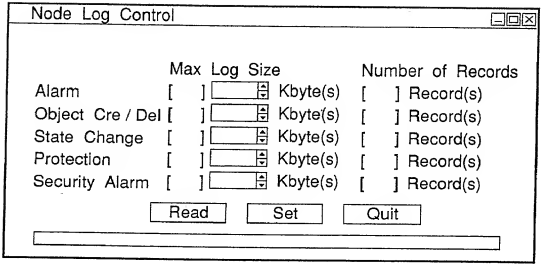
Node Log Control
Max Log Size
Number of Records
Alarm [ ] Kbyte(s) [ ] Record(s)
Object Cre / Del [ ] Kbyte(s) [ ] Record(s)
State Change [ ] Kbyte(s) [ ] Record(s)
Protection [ ] Kbyte(s) [ ] Record(s)
Security Alarm [ ] Kbyte(s) [ ] Record(s)
Read
Set
Quit

FIG. 28

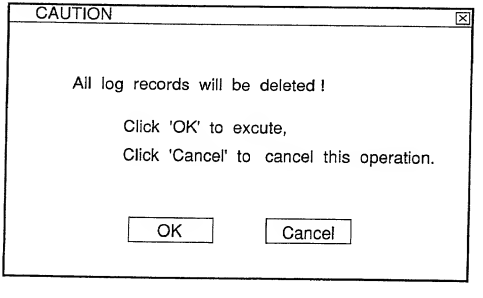
CAUTION
All log records will be deleted !
Click 'OK' to excute,
Click 'Cancel' to cancel this operation.
OK
Cancel

FIG. 29

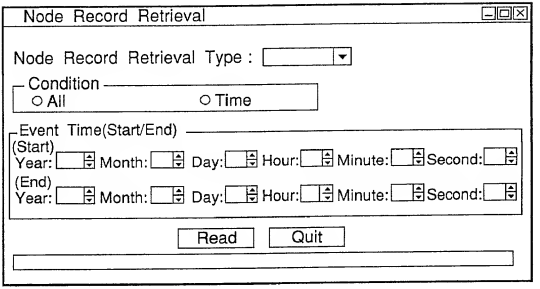
Node Record Retrieval
Node Record Retrieval Type :
Condition
All
Time
Event Time(Start/End)
(Start)
Year: Month: Day: Hour: Minute: Second:
(End)
Year: Month: Day: Hour: Minute: Second:
Read
Quit

FIG. 30

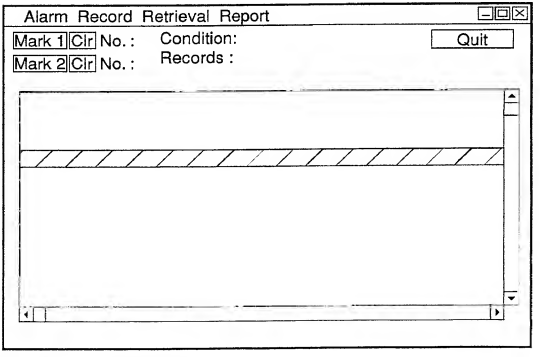
Alarm Record Retrieval Report
Mark 1 Clr No. :
Mark 2 Clr No. :
Condition:
Records :
Quit

FIG. 31

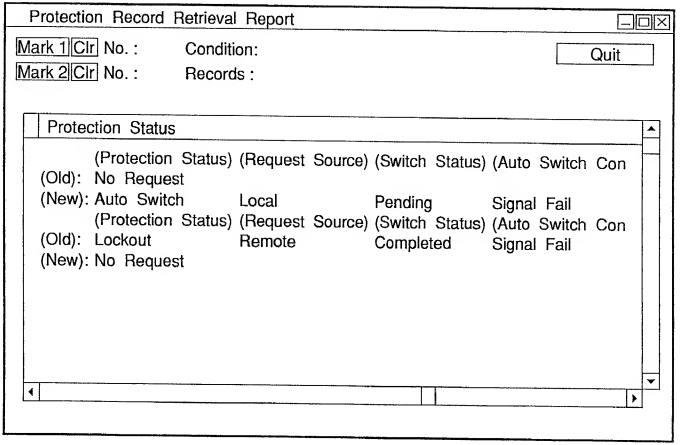

FIG. 32

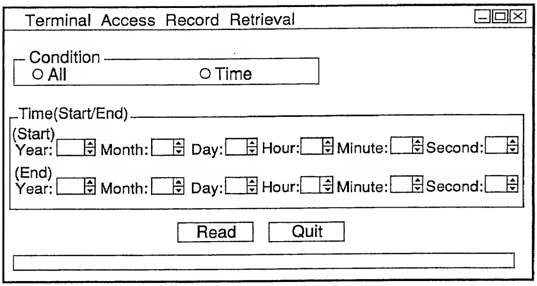

FIG. 33

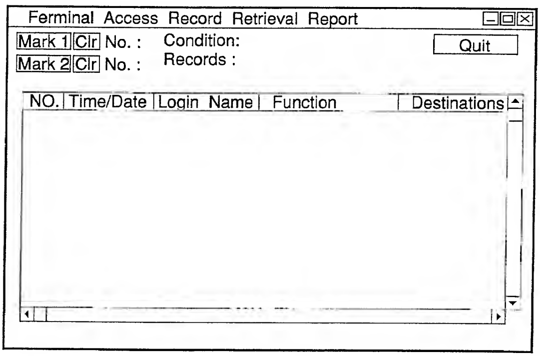

FIG. 34

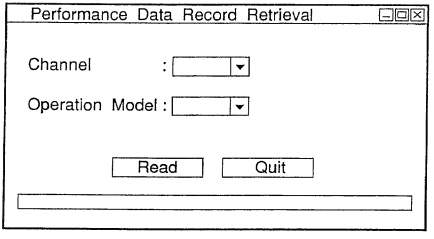
Performance Data Record Retrieval
Channel :
Operation Model :
Read
Quit

FIG. 35

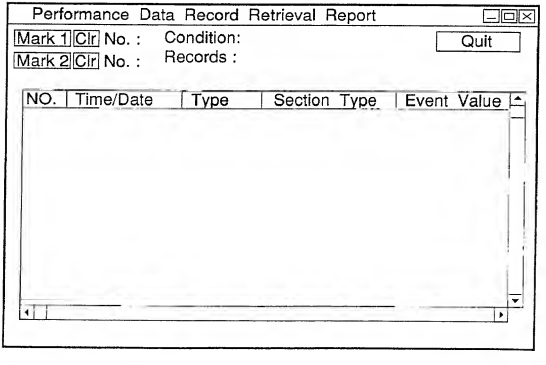
Performance Data Record Retrieval Report
Mark 1 Clr No. :
Condition:
Quit
Mark 2 Clr No. :
Records :
NO.
Time/Date
Type
Section Type
Event Value

FIG. 36

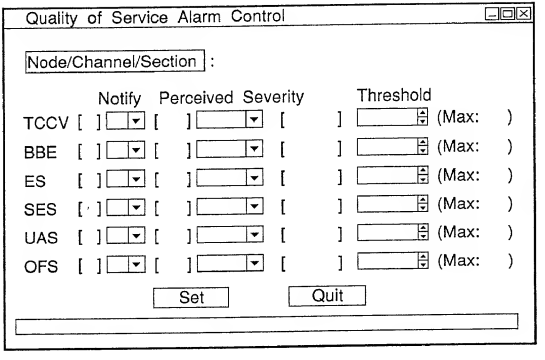
Quality of Service Alarm Control
Node/Channel/Section :
Notify
Perceived Severity
Threshold
TCCV
BBE
ES
SES
UAS
OFS
(Max:
Set
Quit

FIG. 37

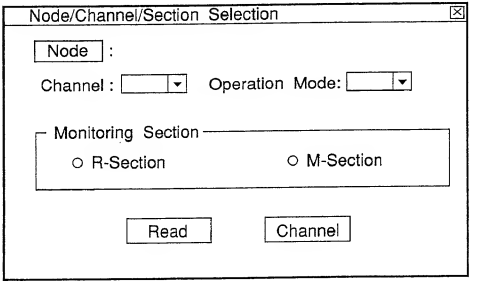
Node/Channel/Section Selection
Node :
Channel :
Operation Mode:
Monitoring Section
R-Section
M-Section
Read
Channel

FIG. 38

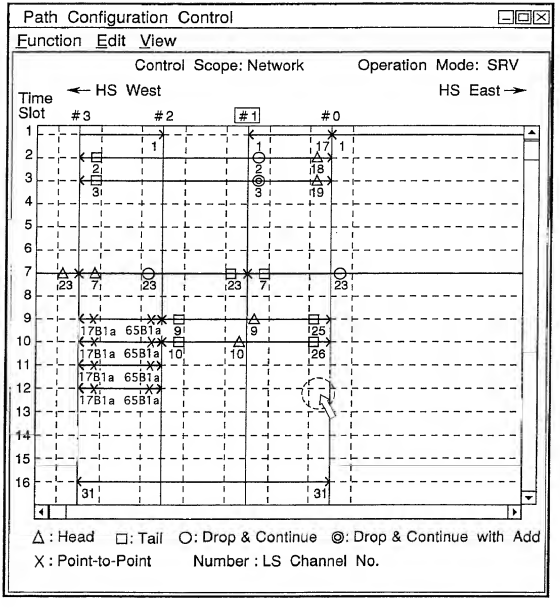
Path Configuration Control
Function Edit View
Control Scope: Network
Operation Mode: SRV
Time Slot
← HS West
HS East →
#3
#2
#1
#0
17B1a 65B1a
△ : Head □ : Tail ○ : Drop & Continue ◎ : Drop & Continue with Add
X : Point-to-Point Number : LS Channel No.

FIG. 39

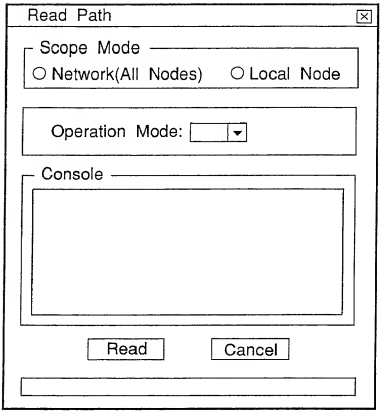
Read Path
Scope Mode
Network(All Nodes)
Local Node
Operation Mode:
Console
Read
Cancel

FIG. 40

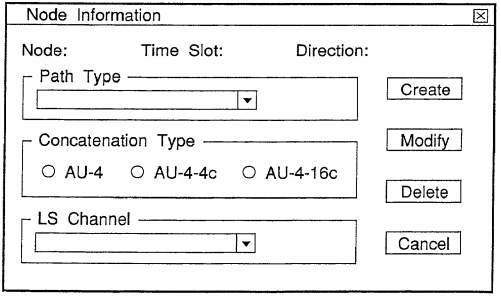
Node Information
Node:
Time Slot:
Direction:
Path Type
Concatenation Type
AU-4
AU-4-4c
AU-4-16c
LS Channel
Create
Modify
Delete
Cancel

FIG. 41

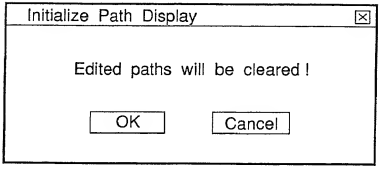
Initialize Path Display
Edited paths will be cleared !
OK
Cancel

FIG. 42

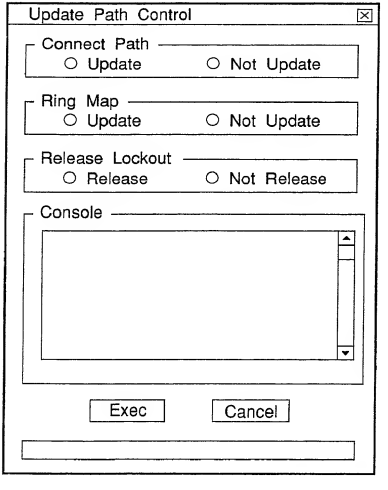
Update Path Control
Connect Path
Update
Not Update
Ring Map
Update
Not Update
Release Lockout
Release
Not Release
Console
Exec
Cancel

FIG. 43

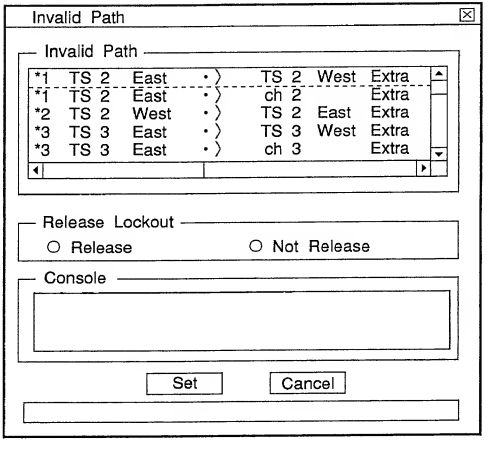
Invalid Path
Invalid Path
*1 TS 2 East •) TS 2 West Extra
*1 TS 2 East •) ch 2 Extra
*2 TS 2 West •) TS 2 East Extra
*3 TS 3 East •) TS 3 West Extra
*3 TS 3 East •) ch 3 Extra
Release Lockout
Release
Not Release
Console
Set
Cancel

FIG. 44

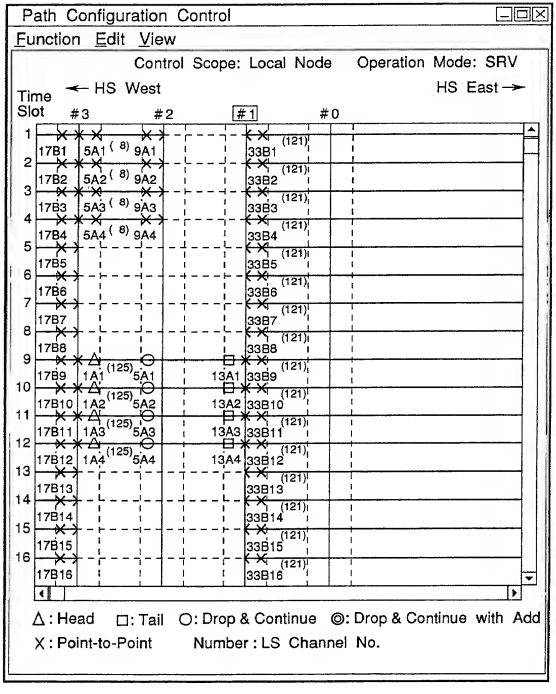
Path Configuration Control
Function Edit View
Control Scope: Local Node
Operation Mode: SRV
HS West
HS East
Time Slot
#3
#2
#1
#0
17B1
5A1
9A1
33B1
17B2
5A2
9A2
33B2
17B3
5A3
9A3
33B3
17B4
5A4
9A4
33B4
17B5
33B5
17B6
33B6
17B7
33B7
17B8
33B8
17B9
1A1
5A1
13A1
33B9
17B10
1A2
5A2
13A2
33B10
17B11
1A3
5A3
13A3
33B11
17B12
1A4
5A4
13A4
33B12
17B13
33B13
17B14
33B14
17B15
33B15
17B16
33B16
△: Head □: Tail ○: Drop & Continue ◎: Drop & Continue with Add
X: Point-to-Point Number: LS Channel No.

FIG. 45

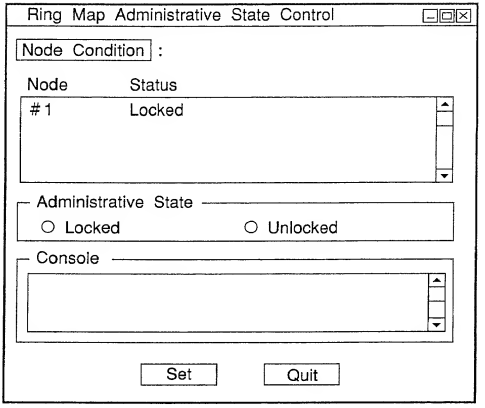
Ring Map Administrative State Control
Node Condition :
Node
Status
#1
Locked
Administrative State
Locked
Unlocked
Console
Set
Quit

FIG. 46

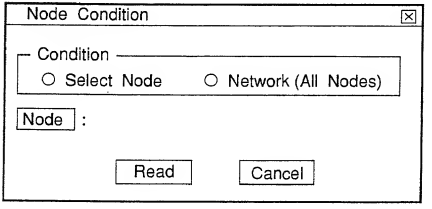
Node Condition
Condition
Select Node
Network (All Nodes)
Node :
Read
Cancel

FIG. 47

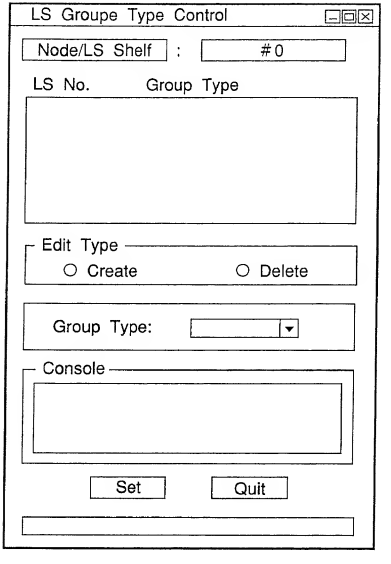
LS Groupe Type Control
Node/LS Shelf
:
#0
LS No.
Group Type
Edit Type
Create
Delete
Group Type:
Console
Set
Quit

FIG. 48

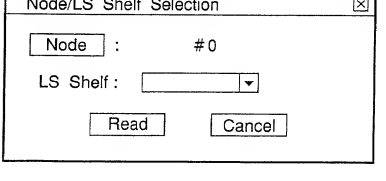
Node/LS Shelf Selection
Node
:
#0
LS Shelf :
Read
Cancel

FIG. 49

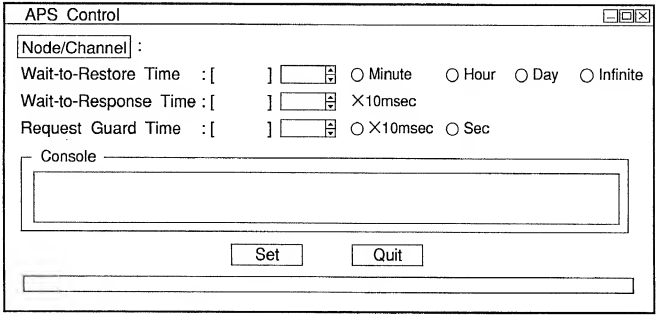

FIG. 50

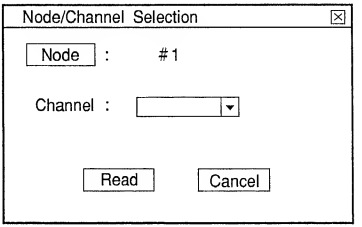

FIG. 51

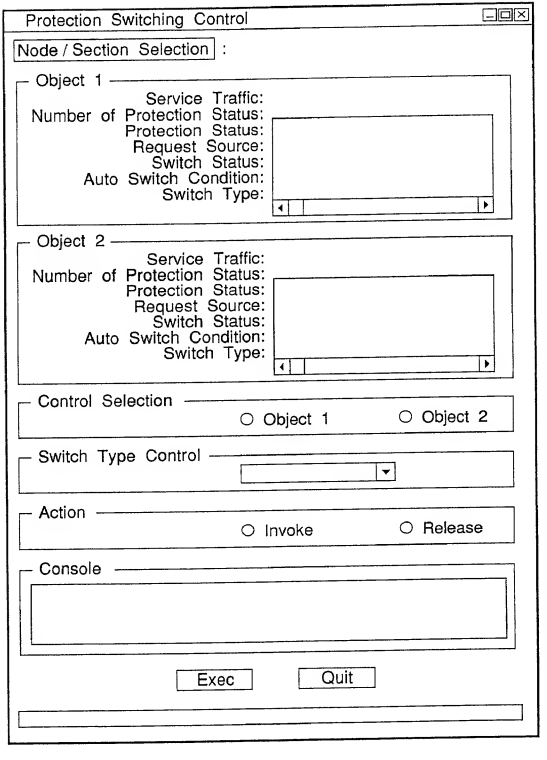
Protection Switching Control
Node / Section Selection :
Object 1
Service Traffic:
Number of Protection Status:
Protection Status:
Request Source:
Switch Status:
Auto Switch Condition:
Switch Type:
Object 2
Service Traffic:
Number of Protection Status:
Protection Status:
Request Source:
Switch Status:
Auto Switch Condition:
Switch Type:
Control Selection
Object 1
Object 2
Switch Type Control
Action
Invoke
Release
Console
Exec
Quit

FIG. 52

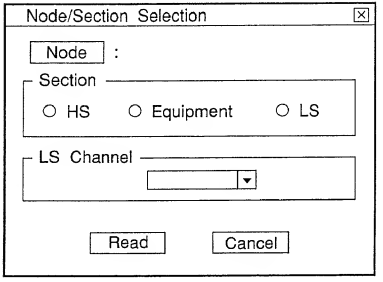
Node/Section Selection
Node
:
Section
HS
Equipment
LS
LS Channel
Read
Cancel

FIG. 53

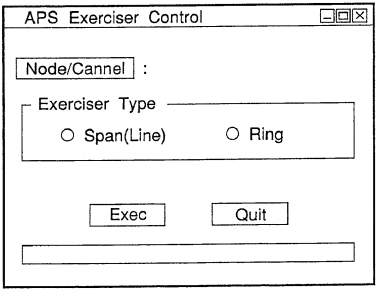
APS Exerciser Control
Node/Cannel
:
Exerciser Type
Span(Line)
Ring
Exec
Quit

FIG. 54

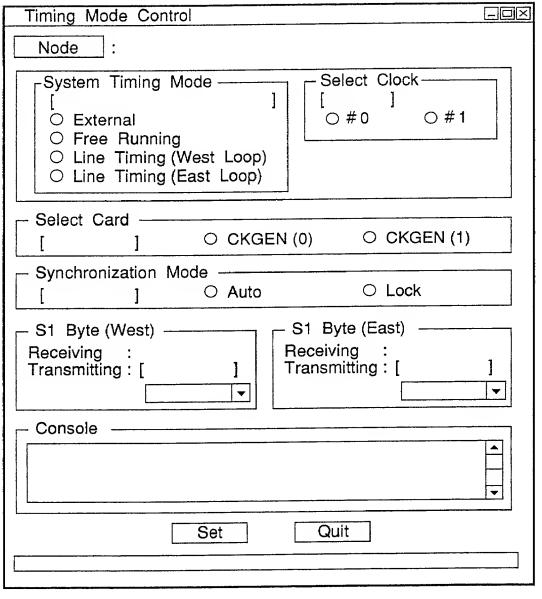
Timing Mode Control
Node
:
System Timing Mode
[ ]
External
Free Running
Line Timing (West Loop)
Line Timing (East Loop)
Select Clock
[ ]
#0
#1
Select Card
[ ]
CKGEN (0)
CKGEN (1)
Synchronization Mode
[ ]
Auto
Lock
S1 Byte (West)
Receiving :
Transmitting : [ ]
S1 Byte (East)
Receiving :
Transmitting : [ ]
Console
Set
Quit

FIG. 55

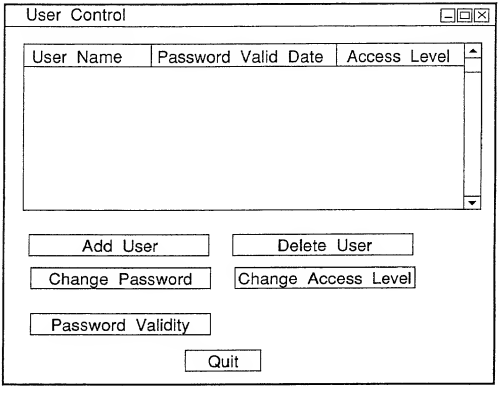
User Control
User Name
Password Valid Date
Access Level
Add User
Delete User
Change Password
Change Access Level
Password Validity
Quit

FIG. 56

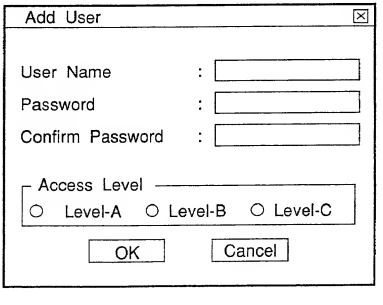
Add User
User Name :
Password :
Confirm Password :
Access Level
Level-A
Level-B
Level-C
OK
Cancel

FIG. 57

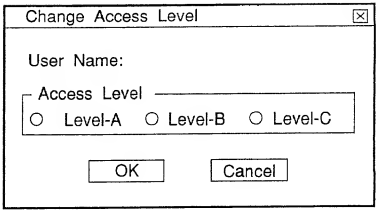

FIG. 58

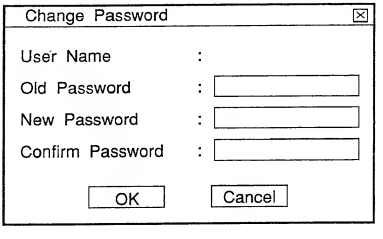

FIG. 59

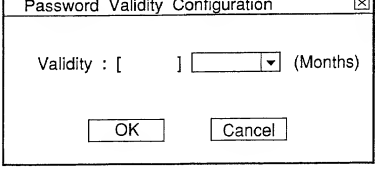

FIG. 60

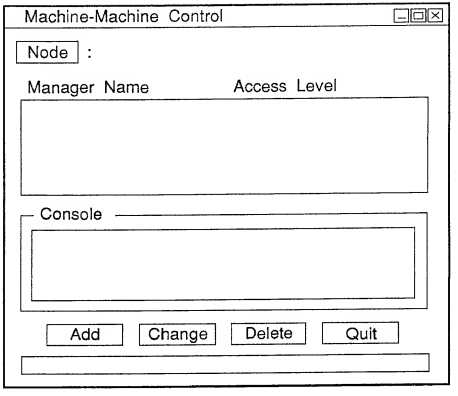
Machine-Machine Control
Node :
Manager Name
Access Level
Console
Add
Change
Delete
Quit

FIG. 61

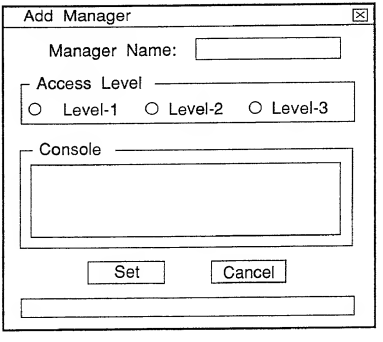
Add Manager
Manager Name:
Access Level
Level-1
Level-2
Level-3
Console
Set
Cancel

FIG. 62

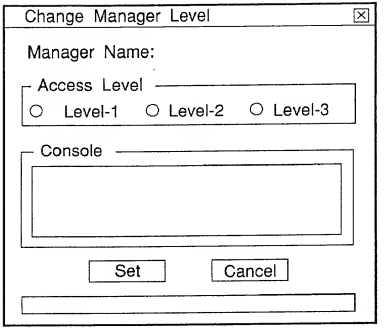
Change Manager Level
Manager Name:
Access Level
Level-1
Level-2
Level-3
Console
Set
Cancel

FIG. 63

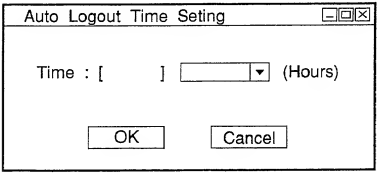
Auto Logout Time Seting
Time : [ ]
(Hours)
OK
Cancel

FIG. 64

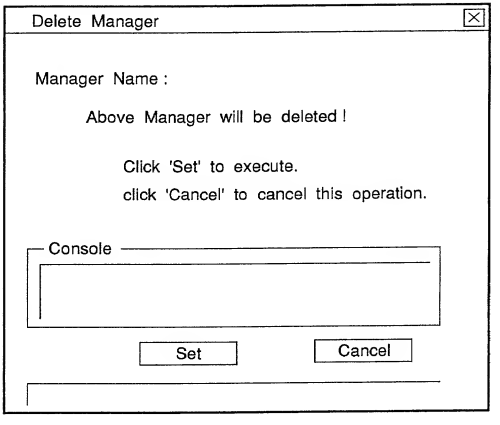
Delete Manager
Manager Name :
Above Manager will be deleted !
Click 'Set' to execute.
click 'Cancel' to cancel this operation.
Console
Set
Cancel

FIG. 65

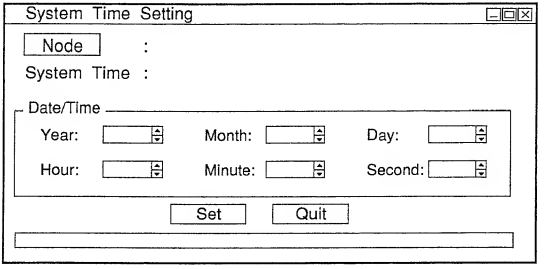
System Time Setting
Node
:
System Time :
Date/Time
Year:
Month:
Day:
Hour:
Minute:
Second:
Set
Quit

FIG. 66

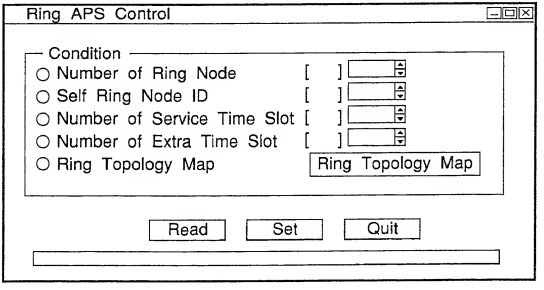
Ring APS Control
Condition
Number of Ring Node [ ]
Self Ring Node ID [ ]
Number of Service Time Slot [ ]
Number of Extra Time Slot [ ]
Ring Topology Map
Ring Topology Map
Read
Set
Quit

FIG. 67

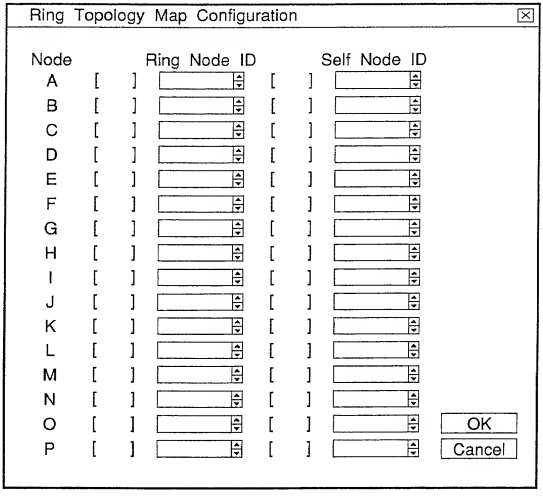

FIG. 68

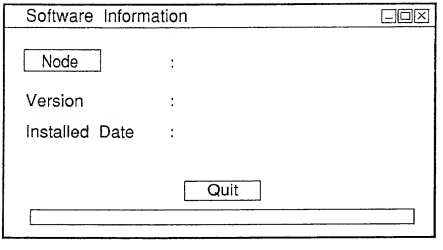
Software Information
Node
:
Version
:
Installed Date
:
Quit

FIG. 69

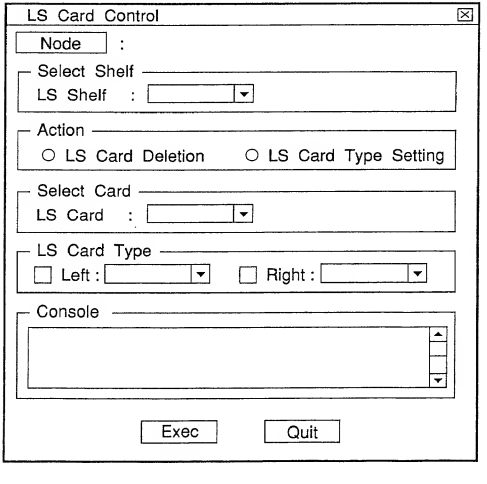
LS Card Control
Node
:
Select Shelf
LS Shelf
:
Action
LS Card Deletion
LS Card Type Setting
Select Card
LS Card
:
LS Card Type
Left :
Right :
Console
Exec
Quit

FIG. 70

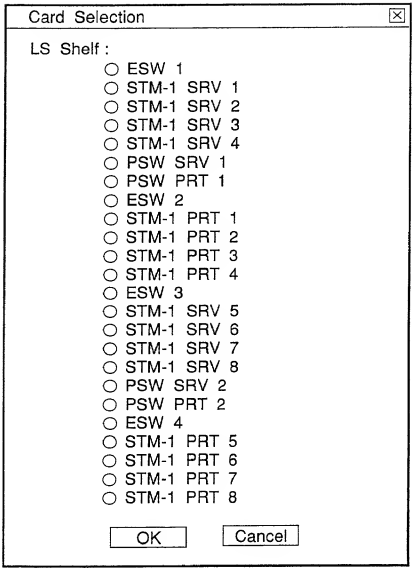
Card Selection
LS Shelf :
ESW 1
STM-1 SRV 1
STM-1 SRV 2
STM-1 SRV 3
STM-1 SRV 4
PSW SRV 1
PSW PRT 1
ESW 2
STM-1 PRT 1
STM-1 PRT 2
STM-1 PRT 3
STM-1 PRT 4
ESW 3
STM-1 SRV 5
STM-1 SRV 6
STM-1 SRV 7
STM-1 SRV 8
PSW SRV 2
PSW PRT 2
ESW 4
STM-1 PRT 5
STM-1 PRT 6
STM-1 PRT 7
STM-1 PRT 8
OK
Cancel

FIG. 71

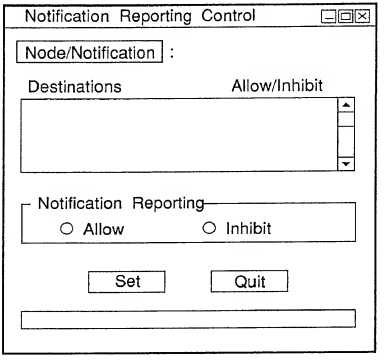
Notification Reporting Control
Node/Notification :
Destinations
Allow/Inhibit
Notification Reporting
Allow
Inhibit
Set
Quit

FIG. 72

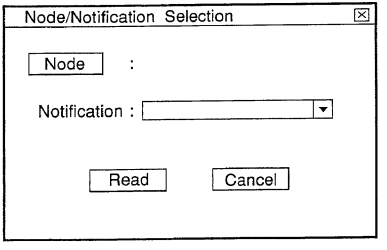
Node/Notification Selection
Node :
Notification :
Read
Cancel

FIG. 73

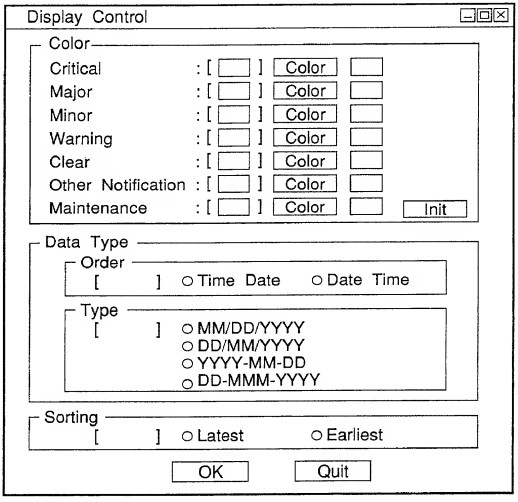
Display Control
Color
Critical : [ ] Color
Major : [ ] Color
Minor : [ ] Color
Warning : [ ] Color
Clear : [ ] Color
Other Notification : [ ] Color
Maintenance : [ ] Color
Init
Data Type
Order
[ ] ○ Time Date ○ Date Time
Type
[ ]
○ MM/DD/YYYY
○ DD/MM/YYYY
○ YYYY-MM-DD
○ DD-MMM-YYYY
Sorting
[ ] ○ Latest ○ Earliest
OK
Quit

FIG. 74

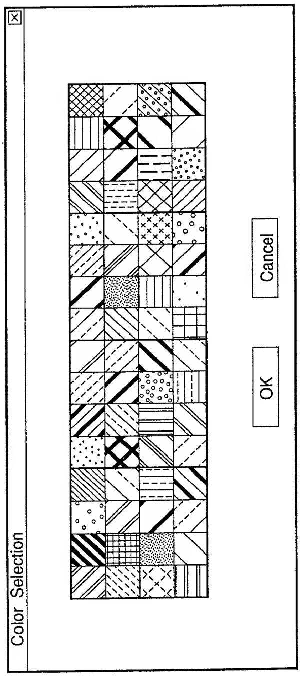

FIG. 75

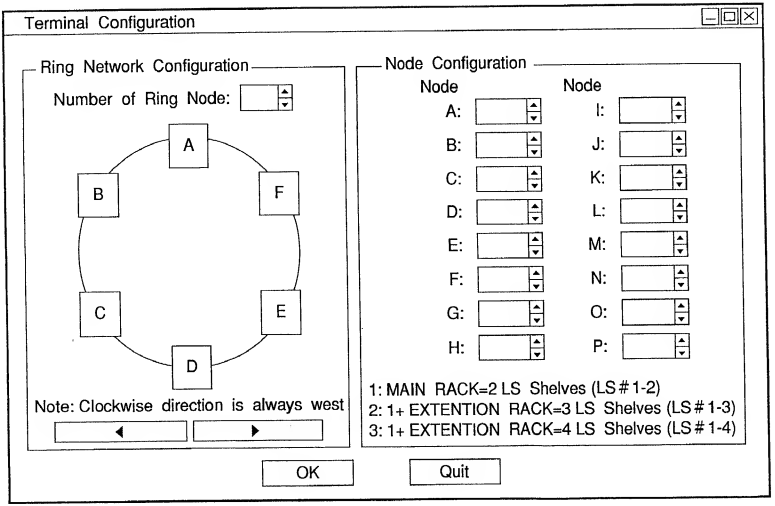

FIG. 76